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To:	Art Unit 2137
Firm:	U.S. Patent and Trademark Office
Facsimile No.:	703-872-9306
From:	William S. Frommer
Date:	June 10, 2005
Re:	Serial No. 09/589,593 Attorney Docket 450108-4457
No. of Pages: **(including cover page)**	5

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PATENT
450108-4457

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	:	Tatsuya Kubota, et al.
Serial No.	:	09/589,593
Filed	:	June 7, 2000
For	:	DATA MULTIPLEXING DEVICE, PROGRAM DISTRIBUTION SYSTEM, PROGRAM TRANSMISSION SYSTEM, PAY BROADCAST SYSTEM, PROGRAM TRANSMISSION METHOD, CONDITIONAL ACCESS SYSTEM, AND DATA RECEPTION DEVICE
Examiner	:	Nguyen, Minh Dieu T.
Art Unit	:	2137

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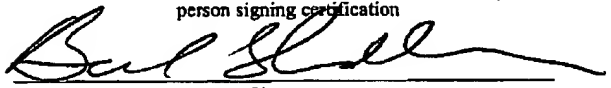
I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Barnet Shindman

Type or print name of person signing certification



Signature

June 10, 2005

Date of Signature

REQUEST FOR ACKNOWLEDGEMENT OF RECEIPT OF ORIGINAL APPLICATION PAPERS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

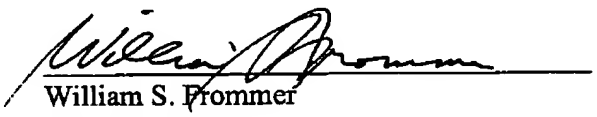
Acknowledgement of the receipt of all of the originally filed application papers for the above-identified application is respectfully requested.

PATENT
450108-4457

On June 7, 2000 this application was filed by Express Mail, including 68 pages of specification, numbered 1-68. Enclosed is a copy of the stamped receipt postcard, noting that this application was received by the Office on June 7, 2000 with 68 of pages of specification. Also enclosed is a true and accurate copy of specification page 29, which is missing from the official Office file of this application.

It is believed this application contains a full and complete copy of the specification, from which the patent issuing therefrom should be printed.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP

By: 
William S. Frommer
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Enc. - Page 29 of Specification

Division of

Serial No. 09/370,776 File No. 450108-4457.2 By: WSF/ks

Title In the Matter of the Application of Tatsuya KUBOTA et al

The following due _____ in the U.S. Patent Office, was received in the Patent Office

- ☐ Affidavit ☐ Declaration
- ☐ Amendment
- ☑ Preliminary Amendment
- ☐ Amendment After Final Rejection
- ☐ Request for Extension of Time
- ☐ Provisional Patent Application
- ☑ Application for Patent, including 68 Pages Specification 08 Claims
- ☑ Declaration ☐ Oath ☑ Power copy
- ☐ Request for Filing Continuation or Divisional Application 2 sheets, in duplicate
- ☐ File Wrapper Continuation Patent Application _____ sheets, in duplicate
- ☐ PCT Request _____ sheets, including
- ☐ Transmittal Letter to the US/RO
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- ☐ Brief ☐ Letter
- ☐ Application for TM Registration Including _____ Specimens
- ☐ Status Request ☐ Notice of Appeal
- ☐ Petition ☐ Response
- ☐ Priority Document
- ☐ Small Entity Declaration
- ☐ _____

Via Express Mail #EL560676843US on: 6/7/00

packet payload has been scrambled.

The adaptation_field_control field is data of 2 bits for indicating that an adaptation field and/or payload is placed at the packet header of this transport stream. Specifically, if only payload data is placed at the packet header, the adaptation_field_control field is "01"; if only an adaptation field is placed at the packet header, the adaptation_field_control field is "10"; if both an adaptation field and a payload are placed at the packet header, the adaptation_field_control field is "11".

The continuity_counter field is data for indicating whether continuously transmitted packets with the same PID are partially absent or discarded during the transmission. Specifically, the continuity_counter field is a field of 4 bits to be incremented each time a transport stream packet with the same PID is transmitted. However, it should be appreciated that this continuity_counter is counted only when an adaptation field is placed at the packet header.

The adaptation_field is a field for inserting additional information on separate streams or stuffing bytes as an option. By using this adaptation field, every information on dynamic state transitions of separate streams can be transmitted together with data.

The adaptation_field consists of the following fields: adaptation_field_length, discontinuity_counter,